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WATER SUPPLY OUTLOOK FOR IDAHO



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

IDAHO DEPARTMENT OF WATER RESOURCES

Data included in this report were obtained by the agencies named above in cooperation
with Federal, State and private organizations listed inside the back cover of this report.

AS OF
MAY 1, 1978

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SOME OF THE DATA IN THIS REPORT HAVE BEEN RECEIVED THROUGH THE SOIL CONSERVATION SERVICE'S NEW SNOTEL SYSTEM WHICH TRANSMITS INFORMATION VIA THE SPACE AGED METEOR BURST METHOD FROM DATA SITES TO MASTER STATIONS LIKE THESE.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK

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WATER SUPPLY OUTLOOK for IDAHO

**and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS**

Issued by
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SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by
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STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
BOISE, IDAHO

In Cooperation with
C. STEPHEN ALLRED
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WATER SUPPLY OUTLOOK for IDAHO



GENERAL SUMMARY FOR MAY 1, 1978

Water supplies for Idaho are forecast to be generally adequate for the 1978 irrigation season. Seasonal streamflow forecasts vary from 77 percent of average for the Clearwater River at Spalding to 157 percent of normal for Montpelier Creek near Montpelier.

Snowfall in the mountainous areas and rain in the valleys was well above normal during April. Snow water equivalent increased on most high elevation snow courses, remained quite static at middle elevations, and melted off at the lower elevation sites.

A change in the weather pattern during April caused the average valley precipitation in Idaho to increase from 86 percent of normal near April 1 to 175 percent near May 1. The range for April was from a low of 117 percent at Pocatello and 120 percent at Kellogg to 206 percent at Boise and 321 percent at Ketchum. The reading at Ketchum was the greatest recorded in 40 years of record for April.

Soil moisture is good at lower elevations, fair to good at middle elevations, and only fair in the high mountainous areas.

In general, streamflow during April was near normal with a resultant increase in reservoir storage. Though storage in general is slightly below average, the major reservoirs are expected to fill by the beginning of the irrigation season. Some reservoirs are presently being lowered to make room for the major snowmelt runoff which will occur in late May and June.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST C		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average +

UPPER COLUMBIA BASINKOOTENAI RIVER

Leonia	(at)	6700	81	May-Sep	8262
		5770	81	May-Jul	7146
		4500	80	May-Jun	5620

PEND OREILLE RIVERClark Fork River

Whitehorse Rapids	(at)	10900	88	May-Sep	12553
		9780	88	May-Jul	11283
		8240	88	May-Jun	9523

Priest River

Priest River 1/*	(nr)	627	92	May-Jul	685
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SPOKANE RIVER

Post Falls 2/	(at)	1750	86	May-Sep	2034
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St. Joe River

Calder	(at)	880	84	May-Sep	1047
		820	84	May-Jul	978

SNAKE RIVER BASINSNAKE RIVER - MAIN STEM

Moran 3/	(at)	1010	118	Apr-Sep	858
Heise 4/	(nr)	4370	120	May-Sep	3640
Blackfoot 5/	(nr)	4600	121	May-Jul	3812
Weiser *	(at)	5890	116	May-Sep	5076

Henry's Fork

Ashton 6/	(nr)	650	114	May-Sep	569
Rexburg 7/	(nr)	1370	112	May-Sep	1226

Teton River

St. Anthony	(nr)	435	109	May-Sep	398
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Portneuf River

Topaz	(at)	78	118	May-Sep	66
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Oakley Reservoir Inflow

	18	98	May-Sep	18.4
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(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Priest Lake.

2/ Observed flow corrected for storage in Coeur d'Alene Lake 3/ Corrected for storage in Jackson Lake.

4/ Corrected for storage in Jackson Lake and Palisades. 5/ Corrected for storage in Jackson Lake, Palisades,

Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot. 6/ Corrected for storage

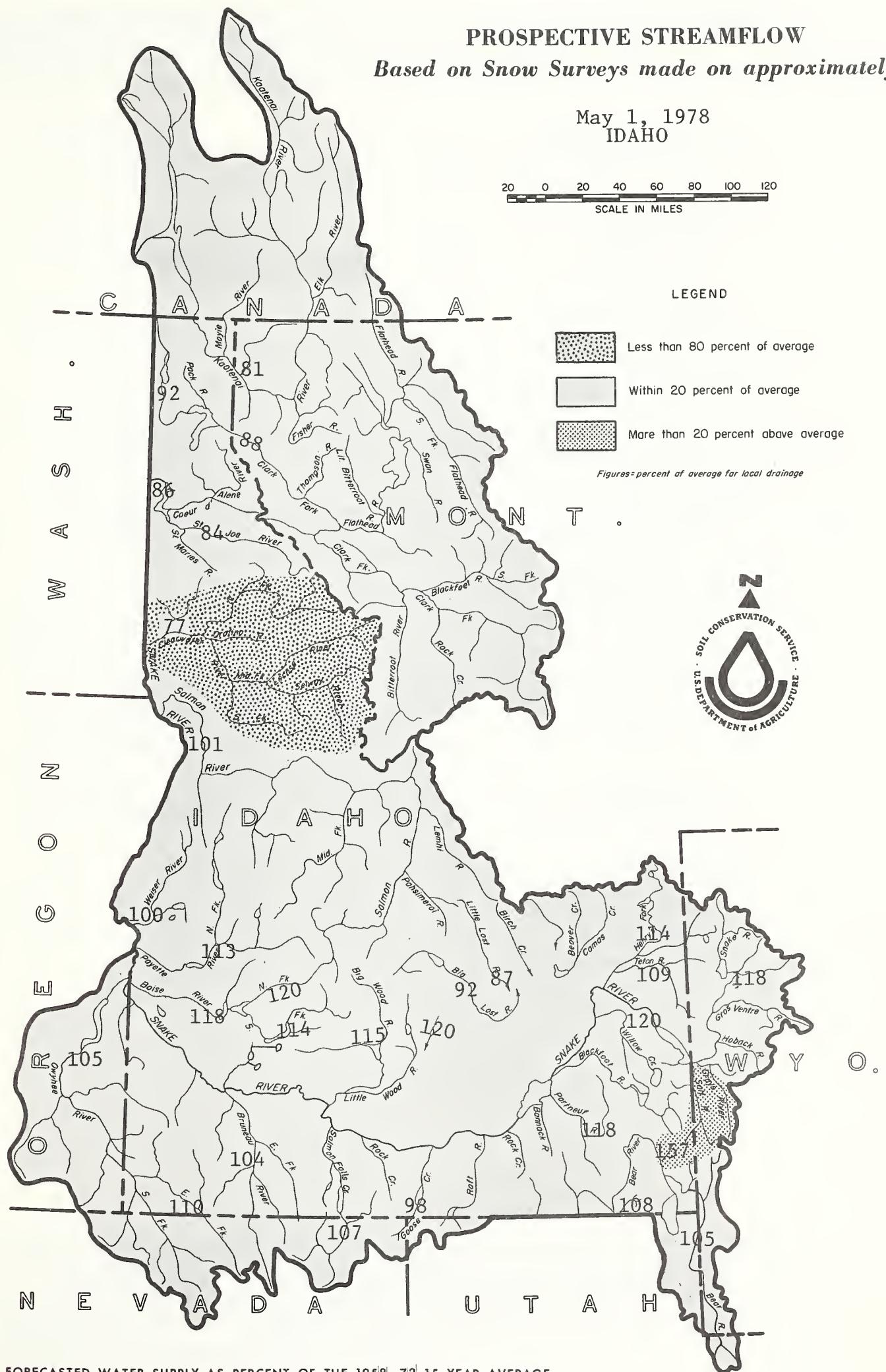
in Henry's Lake and Island Park Reservoir. 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake

+ 1958-1972 period.

PROSPECTIVE STREAMFLOW

Based on Snow Surveys made on approximately

May 1, 1978
IDAHO



STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD		
	FORECAST C Thousand Acre Feet	Percent of Average	FORECAST PERIOD	THOUSAND ACRE FEET Last Year	Average +
<u>Salmon Falls Creek</u>					
San Jacinto	(nr)	58 54	107 108	May-Sep May-Jul	54 50
<u>Bruneau River</u>					
Hot Springs	(nr)	170	104	May-Sep	163
<u>Little Lost River</u>					
Howe	(nr)	31	87	May-Sep	35.5
<u>Big Lost River</u>					
Howell Ranch	(at)	185 128	93 93	May-Sep May-Jun	198 137
Mackay 1/	(nr)	155	92	May-Sep	168
<u>Big Wood River</u>					
Magic Reservoir		240	115	May-Sep	209
Inflow 2/		223	115	May-Jul	194
<u>Little Wood River</u>					
High Five Creek	(ab)	88	120	May-Sep	73
<u>Boise River</u>					
Twin Springs	(nr)	715 650	120 120	May-Sep May-Jul	597 542
Boise 3/	(nr)	1500	118	May-Sep	1276
<u>South Fork</u>					
Anderson Dam 4/	(at)	560	114	May-Sep	491
<u>Owyhee River</u>					
Gold Cr., Nev. 5/	(nr)	11	137	May-Jul	8
Owyhee, Nev. 5/	(nr)	45	110	May-Jul	41
Lake Owyhee		183	105	May-Sep	180
net inflow 6/		166	105	May-Jul	157

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Mackay Reservoir
 2/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 3/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak. 4/ Corrected for storage in Anderson Ranch Reservoir. 5/ Corrected for storage in Wild Horse Reservoir. 6/ From U.S.B.R. records of inflow.

+ 1958-1972 period.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST C		FORECAST PERIOD	THOUSAND ACRE FEET
	Thousand Acre Feet	Percent of Average		Last Year
				Average +

Payette River

Horseshoe Bend <u>1/</u>	(nr)	1735	113	May-Sep	1536
Banks <u>2/</u>	(nr)	930	112	May-Jul	830

North Fork

Cascade <u>3/</u>	(at)	535	114	May-Sep	471
Banks <u>3/</u>	(nr)	670	114	May-Sep	589

Weiser River

Weiser ab. Crane Creek <u>4/</u>		275	100	May-Sep	274
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Salmon River

Whitebird *	(at)	6380	101	May-Sep	6311
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Clearwater River

Spalding *	(at)	5330	77	May-Sep	6892
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GREAT BASINBEAR RIVER

Harer	(at)	250	105	May-Sep	237
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Montpelier Creek

Montpelier	(nr)	16	157	May-Sep	10.2
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Cub River

Preston	(nr)	50	108	May-Sep	46.1
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(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Mackay Reservoir
2/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 3/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak. 4/ Corrected for storage in Anderson Ranch Reservoir. 5/ Corrected for storage in Wild Horse Reservoir. 6/ From U.S.B.R. records of inflow.

+ 1958-1972 period.

RESERVOIR STORAGE (1,000 Ac. Ft.)

RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1958-72 AVERAGE
<u>UPPER COLUMBIA BASIN</u>				
<u>Clark Fork - Pend Oreille</u>				
Hungry Horse	3428.0	1947.0	2288.0	2006.0
Flathead	1791.0	835.3	877.4	977.9
Pend Oreille	1155.1	442.2	419.0	534.3
Noxon	334.6	234.3	314.2	138.4
<u>Spokane</u>				
Coeur d'Alene	225.1	202.4	179.3	253.1
<u>SNAKE BASIN</u>				
<u>Snake</u>				
Jackson Lake	847.0	330.2	646.7	501.7
Palisades	1200.0	315.6	1126.1	774.4
American Falls	1700.0	1584.1	991.3	1089.7
Island Park	127.0	108.2	133.7	132.1
Grassy Lake	15.2	9.9	11.4	10.9
Brownlee	980.2	644.2	697.0	432.9*
<u>Goose-Trapper Creeks</u>				
Oakley	74.4	44.4	46.4	27.3
<u>Salmon Falls Creek</u>				
Salmon Falls	182.6	69.5	85.3	59.4
<u>Big Lost</u>				
Mackay	44.2	34.1	30.6	31.7
<u>Big Wood</u>				
Magic	191.5	179.2	84.0	170.2
<u>Little Wood</u>				
Little Wood	30.0	28.1	16.8	24.6
<u>Fish Creek</u>				
Carey Valley	14.4	12.4	6.2	--
<u>Boise</u>				
Anderson Ranch	423.2	232.7	340.5	282.0
Arrowrock	286.6	180.3	16.9	231.4
Lucky Peak	278.2	138.7	261.1	142.5
Lake Lowell (Deer Flat)	169.0	173.3	102.7	155.4
<u>Owyhee</u>				
Owyhee	715.0	718.6	484.9	563.7
<u>Payette</u>				
Cascade	653.2	422.8	355.1	353.8
Deadwood	161.9	80.5	95.4	92.4
<u>Weiser</u>				
Mann Creek	11.1	11.4	1.2	--
<u>Clearwater</u>				
Dworshak	2016.0	998.3	1029.1	--
<u>GREAT BASIN</u>				
<u>Bear</u>				
Bear Lake	1421.0	847.8	1050.0	1040.0

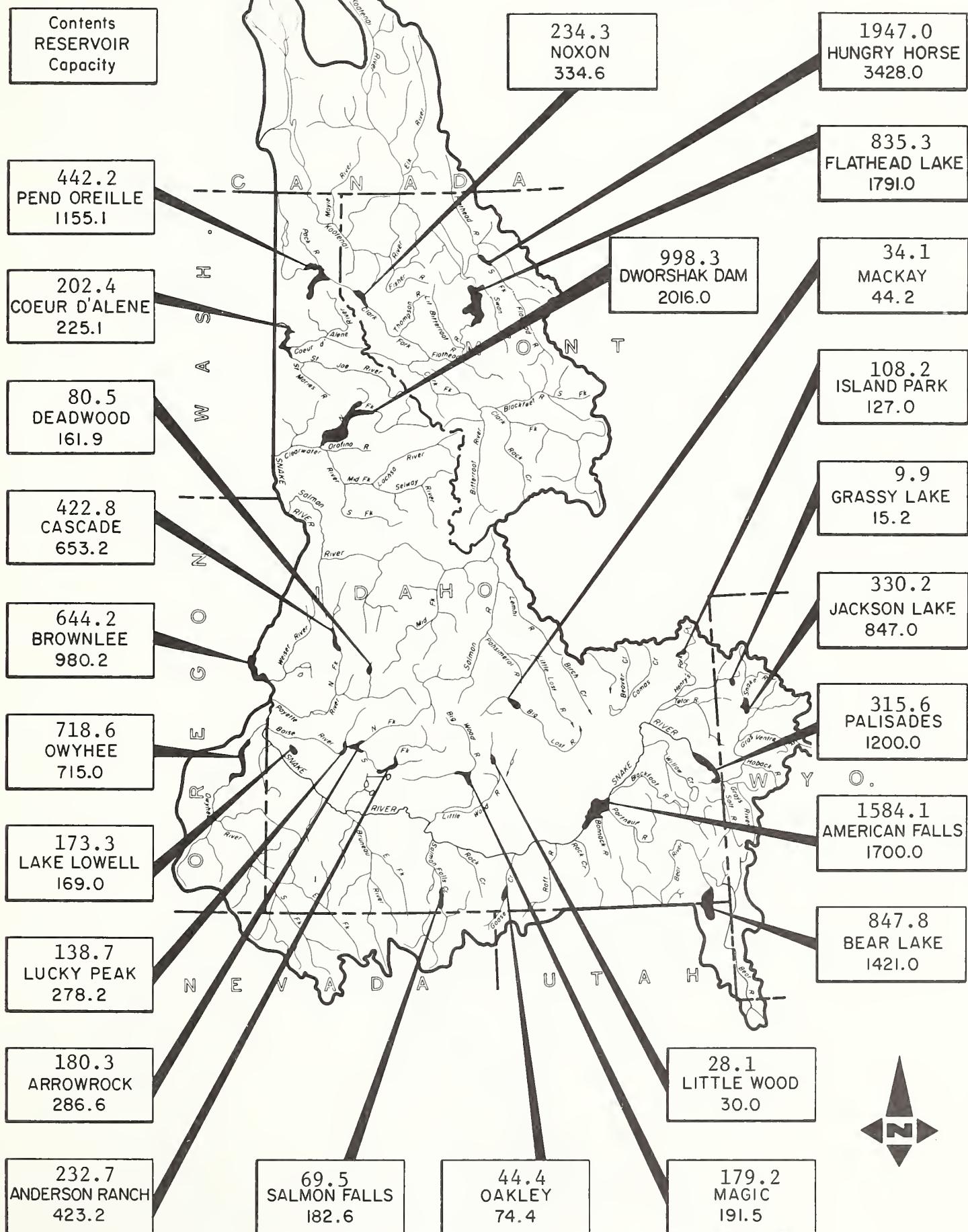
* Period of Record

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

May 1, 1978

50 0 50 100 150
SCALE IN MILES



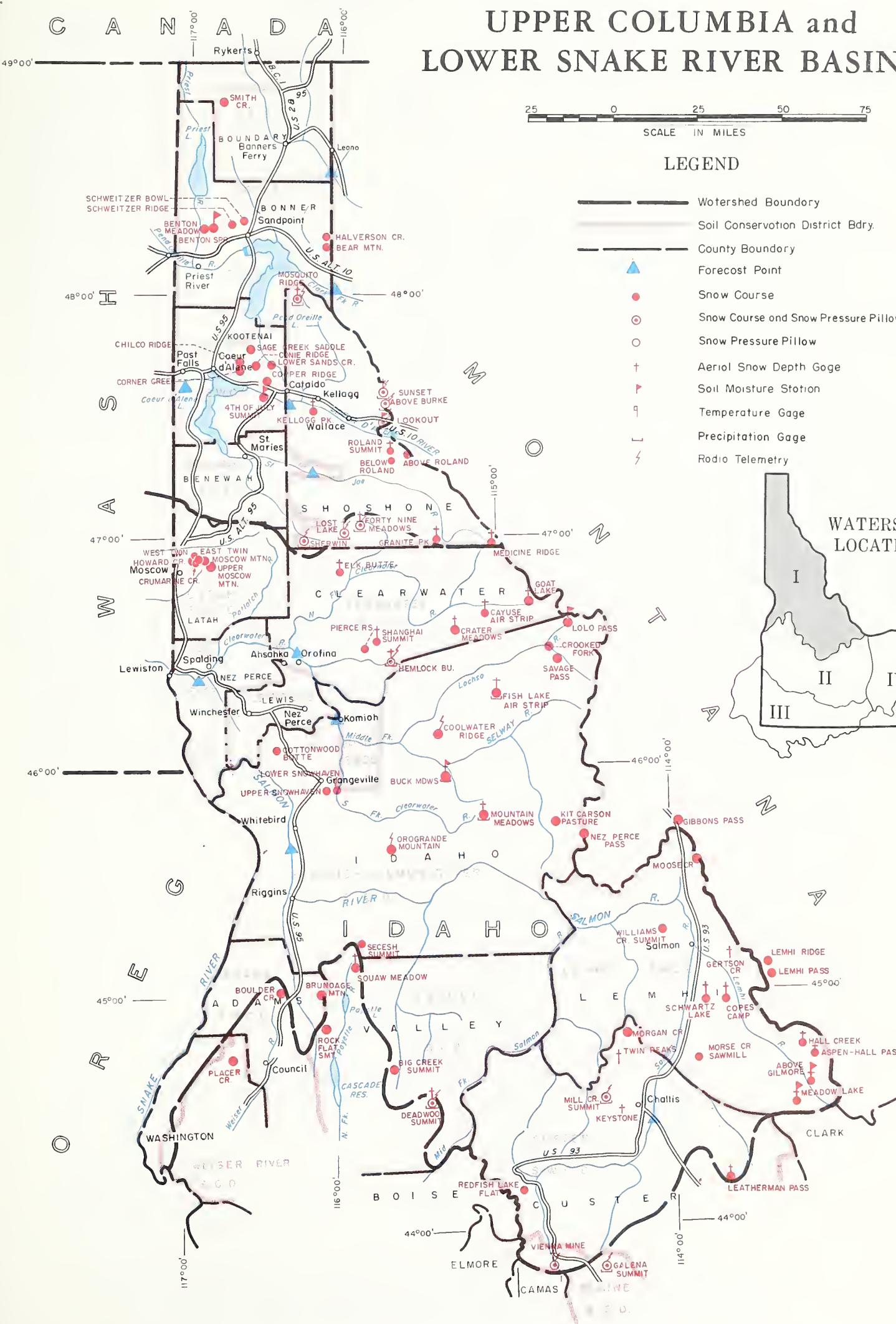
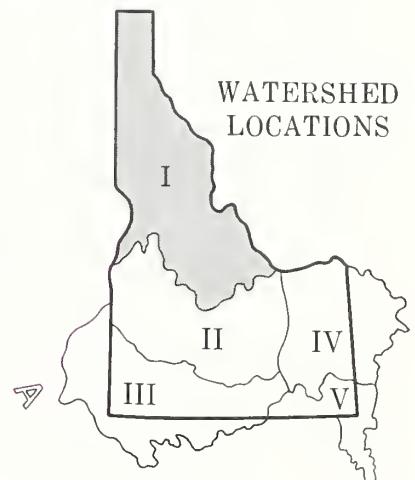
UPPER COLUMBIA and LOWER SNAKE RIVER BASINS



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- ◎ Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Gage
- 🚩 Soil Moisture Station
- ¶ Temperature Gage
- ▬ Precipitation Gage
- ⚡ Radio Telemetry

WATERSHED LOCATIONS



INDEX to SNOW COURSES

NO.	STATE	NAME	SEC. LAT.	TWP. OR ANO	RGE. LONG.	ELEV.	NO.	STATE	NAME	SEC. LAT.	TWP. OR ANO	RGE. LONG.	ELEV.
UPPER COLUMBIA BASIN													
KOOTENAI RIVER													
16A7	I	Halverson Creek	3	57N	3E	4850	15D5MAP	I	Buck Meadows	26	31N	8E	5650
16A1	I	Smith Creek	29	64N	3W	4800	15C3A	I	Cayuse Airstrip	4	38N	11E	3700
PEND OREILLE - PRIEST RIVER													
16A8	I	Bear Mountain	9	57N	3E	5400	15C7S	I	Coolwater Mountain	32	33N	8E	6200
16A2	I	Benton Meadow	27	58N	4W	2370	16C16	I	Cottonwood Butte	33	32N	1W	5140
16A3	I	Benton Spring	30	58N	3W	4900	15C9A	I	Crater Meadows	2	37N	9E	6100
16A6	I	Schweitzer Bowl	20	58N	2W	4500	14C10	I	Crooked Fork	27	37N	14E	3800
16A5	I	Schweitzer Ridge	19	58N	2W	6200	16C15A	I	Elk Butte	6	40N	3E	5550
HAYDEN CREEK													
16B8	I	Chilco Ridge	15	52N	2W	3650	15C2AP	I	Fish Lake Airstrip	35	35N	11E	5000
16B7	I	Conie Ridge	22	52N	2W	3900	15B3ASP	I	Forty-nine Meadows	6	43N	5E	4880
16B9	I	Corner Creek	22	52N	2W	3150	14C9A	I	Goat Lake	4	38N	13E	6600
16B6	I	Sage Creek Saddle	10	52N	2W	4100	16C6AP	I	Hemlock Butte	7	36N	7E	5500
SPOKANE RIVER													
15B8SP	I	Above Burke	11	48N	5E	4100	15C8S	M	Hoodoo Basin	17	14N	27W	6000
15B7	I	Above Roland	35	47N	6E	4350	15C1	M	Hoodoo Creek	16	14N	27W	5900
15B6	I	Below Roland	3	46N	6E	3840	14D3	I	Kit Carson Pasture	4	27N	16E	5020
16B2	I	Copper Ridge	6	50N	1W	4800	14C5M	I	Lolo Pass	16	38N	15E	5240
16B3M	I	Fourth of July Summit	6	49N	1W	3200	15B14AS	I	Lost Lake	16	43N	4E	6000
15B13A	I	Granite Peak	3	42N	8E	6000	16D7	I	Lower Snowhaven	9	29N	3E	5300
16B5A	I	Kellogg Peak	19	48N	3E	5560	15D6AP	I	Mountain Meadows	9	27N	10E	6300
15B2MSP	I	Lookout	4	47N	6E	5120	14D1	M	Nez Perce Pass	25	1S	24W	6575
16B1	I	Lower Sands Creek	32	51N	1W	3400	15D4S	I	Orogrande Mountain	24	27N	6E	7800
15B4ASP	I	Medicine Ridge	24	43N	10E	6160	15C5	I	Pierce Ranger Station	2	36N	5E	3170
16A4ASP	I	Mosquito Ridge	5	54N	2E	5110	14C6	I	Powell Ranger Station	33	37N	14E	4230
15B5A	I	Roland Summit	26	47N	6E	5200	14C4	I	Savage Pass	18	36N	15E	6170
16C1SP	I	Sherwin	28	42N	1E	3200	15C4A	I	Shanghai Summit	7	37N	6E	4600
15B9ASP	I	Sunset	33	49N	5E	5600	16D4	I	Upper Snowhaven	8 & 9	29N	3E	5600
LOWER SNAKE BASIN													
PALOUSE RIVER													
16C6	I	Crumarine Creek	24	40N	5W	3340	13E19MA	I	Above Gilmore	13	13N	26E	8250
16C3	I	East Twin	13	40N	5W	4050	13E21A	I	Aspen-Hall Pass	6	16N	28E	8110
16C5	I	Howard Creek	14	40N	5W	3500	15E2	I	Big Creek Summit	24	15N	5E	6600
16C2	I	Moscow Mountain	18	40N	4W	4400	13E8A	I	Borah	21	10N	23E	8250
16C4P	I	West Twin	14	40N	5W	4250	16D6	I	Brundage Mountain	6	19N	3E	7560
CLEARWATER RIVER													
SALMON RIVER													
LEGEND													
Numbering System (example)													
10J7		SNOW COURSE ONLY					13E21A	I	Aspen-Hall Pass	6	16N	28E	8110
10J7P		SNOW COURSE AND PRECIPITATION GAGE.					15E2	I	Big Creek Summit	24	15N	5E	6600
10J7M		SNOW COURSE AND SOIL MOISTURE STATION.					13E8A	I	Borah	21	10N	23E	8250
10J7A		SNOW COURSE AND AERIAL MARKER.					16D6	I	Brundage Mountain	6	19N	3E	7560
10J7s		PRESSURE PILLOW ONLY.					13E17A	I	Copes Camp	36	18N	22E	7500
10J7S		SNOW COURSE AND PRESSURE PILLOW.					13E25A	I	Double Springs Pass	3	10N	22E	8400
10J7MA		SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.					13D2	M	Gibbons Pass	4	2S	19W	7100
10J7MP		SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.					13E20A	I	Hall Creek	1	16N	27E	7560
10J7m		SOIL MOISTURE STATION ONLY					13E24A	I	Leatherman Pass	20	9N	23E	9800
10J7a		AERIAL MARKER ONLY.					13E1	M	Lemhi Pass	9	10S	15W	7480
10J7p		STORAGE PRECIPITATION GAGE ONLY.					13E23	M	Lemhi Ridge	4	10S	15W	8100
10J7R		RADIOACTIVE GAGE					13E18MA	I	Meadow Lake	25	13N	26E	9200
							14E1MAP	I	Mill Creek Summit	8	13N	17E	8800
							13D16	I	Moose Creek	14	27N	21E	6200
							14E4	I	Morgan Creek	32	18N	19E	7580
							13E26	I	Morse Creek Sawmill	8	15N	23E	7120
							14E7	I	Redfish Lake Flat	35	10N	13E	6550
							13E16A	I	Schwartz Lake	34	18N	22E	8500
							14E3A	I	Twin Peaks	28	15N	17E	9170
							14F4AP	I	Vienna Mine	1	5N	13E	8950
							14D4	I	Williams Creek Summit	34	21N	20E	7800

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average b
NAME	Elevation					

UPPER COLUMBIA RIVER BASINKOOTENAI RIVER

#Bear Mountain	5400	4/26	106	49.3	23.0	68.8*
Halverson Creek	4850	4/26	85	40.2	18.0	49.7*
Smith Creek	4800	4/28	83	37.2	15.2	48.6

PEND OREILLE - PRIEST RIVER

Bear Mountain	5400	4/26	106	49.3	23.0	68.8*
Benton Meadow	2370	4/27	0	0.0	0.0	0.0
Benton Spring	4900	4/27	24	10.7	0.0	15.7
Schweitzer Bowl	4500	4/28	38	17.8	0.0	26.6*
Schweitzer Ridge	6100	4/28	104	51.2	14.5	50.6*

SPOKANE RIVER

Above Burke	4100	4/29	28	13.4	4.7	--
Copper Ridge	4800	4/27	18	9.2	0.0	27.3
#Forty-nine Meadows	4880	5/2	32	12.8	4.0	30.3*
Fourth of July Summit	3200	4/29	0	0.0	0.0	--
Granite Peak	6000	5/2	81	33.0	15.5	48.3*
Lookout	5120	4/28	59	29.6	8.3	36.7
#Lost Lake	6000	5/2	105	44.8	19.3	62.0*
Lower Sands Creek	3400	4/27	20	9.7	7.3	16.0
Sherwin	3200	5/1	0	0.0	0.0	--

CLEARWATER RIVER

Breezy Saddle	5000	5/2	36	15.0	4.3	--	
Buck Meadows	5650	5/3	49	18.6	8.1	32.7*	
Cayuse Airstrip	3700	5/2	0	0.0	0.0	0.3*	
Coolwater Mountain	6200	5/3	79	30.8	12.4	34.5*	
Crater Meadows	6100	5/2	80	39.0	21.4	50.2*	
Crooked Fork	3600	4/26	0	0.0	0.0	--	
Elk Butte	5550	5/2	38	14.6	5.6	36.1*	
Fish Lake Airstrip	5000	5/3	69	29.4	13.4	42.6*	
Forty-nine Meadows	4880	5/2	32	12.8	4.0	30.3*	
Goat Lake	6600	5/3	103	42.0	19.7	54.7*	
#Granite Peak	6000	5/2	81	33.0	15.5	48.3*	
Hemlock Butte	5500	5/2	90	35.7	16.8	54.4*	
#Hoodoo Basin	Mont.	6000	4/27	104	52.4	20.6	55.2
#Hoodoo Creek	Mont.	5900	4/27	95	45.4	18.4	52.2
Lolo Pass		5240	4/26	52	25.4	8.0	32.3
Lost Lake		6000	5/2	105	44.8	19.3	62.0*
Mountain Meadows		6300	5/3	42	16.4	7.2	27.3*
#Nez Perce Pass	Mont.	6575	4/29	29	15.0	2.1	15.6
Orogrande Mountain		7800	5/3	102	37.6	19.2	47.5*

(b) 1958-72, 15 year period. #Not located directly on this drainage. *Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average ^b
Pierce Ranger Station	3170	5/1	0	0.0	0.0	1.3
Savage Pass	6170	4/26	58	26.8	8.8	29.2
Shanghai Summit	4600	5/2	24	9.5	1.9	24.0

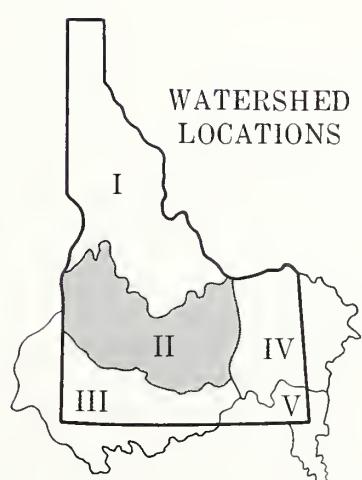
SALMON RIVER

Big Creek Summit	6600	4/26	90	42.8	5.0	37.0	
#Boulder Creek	5500	4/28	27	12.2	0.0	15.7*	
Brundage Mountain	7560	4/27	122	55.0	6.4	51.9*	
#Deadwood Summit	7000	5/1	98	48.9	0.9	48.4*	
#Galena Summit	8795	4/27	78	30.7	0.0	26.0	
#Gibbons Pass	Mont.	7100	4/26	47	25.4	4.5	24.4
#Lemhi Pass	Mont.	7480	4/28	22	8.8	0.0	--
#Lemhi Ridge	Mont.	8100	4/28	27	11.6	0.0	--
Mill Creek Summit	8870	5/1	59	23.5	3.7	25.6*	
Moose Creek	6200	5/1	27	13.0	--	16.0*	
Morgan Creek	7580	5/1	23	10.0	0.0	13.1*	
#Rock Flat Summit	5200	4/27	42	18.7	0.0	16.5*	
#Secesh Summit	6520	4/26	71	37.4	2.3	--	
#Squaw Meadow	5800	4/26	69	35.0	0.0	36.5*	
Vienna Mine	8960	5/1	96	45.0	5.4	37.9*	

Lemhi River

Above Gilmore	8200	4/28	19	8.1	0.0	10.7*
Meadow Lake	9100	4/28	47	17.7	0.0	22.3*

MIDDLE SNAKE RIVER BASIN NORTHSIDE



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Gage
- Soil Moisture Station
- Temperature Gage
- Precipitation Gage
- ⚡ Radio Telemetry

INDEX to SNOW COURSES

NO.	STATE	NAME	SEC. OR LAT.	TWP. OR AND	RGE. LONG.	ELEV.	NO.	STATE	NAME	SEC. OR LAT.	TWP. OR AND	RGE. LONG.	ELEV.							
MIDDLE SNAKE RIVER BASIN																				
NORTHSIDE																				
LITTLE LOST RIVER																				
13E5M	I	Fairview Guard Station	27	12N	26E	6750	15F4APS	I	Atlanta Summit	23	5N	10E	7500							
13E3	I	Lost-Garfield	3	11N	26E	6600	15F2	I	Bad Bear	35	7N	6E	5500							
13E6	I	Moonshine	31	13N	26E	7500	16F4	I	Bogus Basin Road	32	5N	3E	5520							
13E4	I	Sawmill Canyon	17	12N	26E	6900	14F10	I	Couch Summit	9	2N	14E	6850							
13E7MP	I	Wet Creek Summit	15	8N	25E	7760	16F1	I	Deadman Gulch	29	7N	4E	5600							
BIG LOST RIVER																				
13F3	I	Bear Canyon	22	5N	21E	7920	15F14PSR	I	Graham Guard Station	9	7N	10E	5690							
13F2A	I	Copper Basin	25	6N	21E	7650	15E9AP	I	Jackson Peak	7	8N	9E	7070							
13F6A	I	Fishpole Lake	28	4N	22E	9350	15F1MPSR	I	Moores Creek Summit	19	7N	7E	6100							
13F11	I	Iron Bog	23	4N	22E	7650	15F6P	I	Prairie	13	2N	7E	4800							
13F12	I	Leadbelt	34	4N	23E	6800	15F3A	I	Road Creek	5	5N	8E	5550							
14F3A	I	Lost Wood Divide	25	6N	18E	7900	15FAPSR	I	Trinity Mountain	6	3N	9E	7780							
14F2A	I	Stickney Mill	9	6N	19E	7450	BOISE RIVER													
13F1	I	White Knob	25	7N	23E	7700	15F7	I	Bennett Mountain	7	2S	9E	6650							
BIG WOOD RIVER																				
15F9	I	Camas Creeks Divide	11	2S	9E	5720	15F12	I	Little Camas Flat	21	1S	9E	4950							
14F8	I	Dollarhide Summit	9	3N	15E	8400	CANYON CREEK													
14F1M	I	Galena	2	6N	15E	7440	16F2PS	I	Bogus Basin	16	5N	3E	6340							
14F12MPS	I	Galena Summit	5	6N	15E	8780	15E8PSR	I	Cozy Cove	17	11N	7E	5400							
14F5	I	Graham Ranch	10	5N	17E	6280	15E3	I	Crawford Ranger Station	21	14N	4E	4800							
14F7	I	Mascot Mine	8	4N	20E	7760	15E10	I	Deadwood Airstrip	8	11N	7E	5440							
14F9	I	Mount Baldy	26	4N	17E	9000	15E4AS	I	Deadwood Summit	23	14N	7E	6800							
14F11	I	Soldier Ranger Station	19	2N	14E	6100	16E4	I	High Valley Summit	9	10N	2E	5170							
LITTLE WOOD RIVER																				
13F4	I	Garfield Ranger Station	11	3N	21E	6560	15E1	I	Lake Fork	3	18N	4E	6000							
13F5	I	Muldoon	25	3N	21E	6300	16E1	I	Rock Flat Summit	1	18N	2E	5340							
13F9R	I	Swede Peak	4	3N	21E	7640	15D1	I	Secesh Summit	4	21N	4E	6520							
FISH CREEK																				
13F10	I	Iron Mine Creek	32	3N	23E	6370	15D2	I	Squaw Meadow	17	21N	4E	5900							
13F6	I	Telfer Ranch	12	2N	22E	6000	16E3	I	Tripod Summit	17	11N	3E	5200							
WEISER RIVER																				
16D1P	I	Boulder Creek					16D1P	I	Boulder Creek	16	20N	1W	5500							
16E2	I	Placer Creek					16E2	I	Placer Creek	15 & 16	17N	3W	6000							
MANN CREEK																				
16E9	I	Mann Creek					16E9	I	Mann Creek	20	15N	5W	6080							
16E8	I	Sturgill Ridge					16E8	I	Sturgill Ridge	28	15N	5W	6680							
17E1	I	Robinson Creek Ridge					17E1	I	Robinson Creek Ridge	2	14N	6W	6220							
17E2	I	Thorson Cabin					17E2	I	Thorson Cabin	12	14N	6W	5320							

LEGEND

Numbering System (example)

- 10J7 SNOW COURSE ONLY.
- 10J7P SNOW COURSE AND PRECIPITATION GAGE.
- 10J7M SNOW COURSE AND SOIL MOISTURE STATION.
- 10J7A SNOW COURSE AND AERIAL MARKER..
- 10J7s PRESSURE PILLOW ONLY.
- 10J7S SNOW COURSE AND PRESSURE PILLOW.
- 10J7MA SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER.
- 10J7MP SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE.
- 10J7m SOIL MOISTURE STATION ONLY
- 10J7a AERIAL MARKER ONLY.
- 10J7p STORAGE PRECIPITATION GAGE ONLY.
- 10J7R RADIOACTIVE GAGE

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

MIDDLE SNAKE RIVER BASIN - NORTHSIDEBIG LOST RIVER

Bear Canyon	7920	4/28	45	17.8	--	--
Copper Basin	7650	4/28	20	10.0	--	--
Fishpole Lake	9350	4/28	74	29.0	--	--
Lost-Wood Divide	7900	4/28	56	24.8	--	--
Stickney Mill	7500	4/28	9	3.8	--	--
White Knob	7700	4/28	27	10.8	0.0	--

LITTLE WOOD RIVER

#Bear Canyon	7920	4/28	45	17.8	--	--
Garfield Ranger Station	6554	4/28	0	0.0	--	--
Muldoon	6300	4/28	0	0.0	--	--
Swede Peak	7650	4/28	42	19.6	--	15.0*

BIG WOOD RIVER

#Couch Summit	6950	4/28	35	16.5	--	14.0
Galena	7300	4/27	38	18.6	0.0	15.5
Galena Summit	8795	4/27	78	30.7	--	26.0
Graham Ranch	6200	4/27	18	7.9	0.0	7.0*
#Lost-Wood Divide	7900	4/28	56	24.8	--	--
Mascot Mine	7900	4/28	39	17.1	--	--
Mount Baldy	9000	4/28	78	30.5	--	22.7
Soldier Ranger Station	6100	4/28	0	0.0	--	--
#Vienna Mine	8960	5/1	96	45.0	5.4	37.9*

BOISE RIVER

Atlanta Summit	7500	5/1	86	40.3	1.2	36.1
Bad Bear	5500	4/27	10	4.0	0.0	5.0*
#Bogus Basin	6120	4/28	54	24.3	00	23.2
Bogus Basin Road	5360	4/28	0	0.0	--	0.0
Couch Summit	6950	4/28	35	16.5	--	14.0
Graham Guard Station	5690	5/1	18	8.5	0.0	--
Jackson Peak	7000	5/1	72	35.0	0.0	31.8*
Moores Creek Summit	6100	4/27	80	35.8	1.5	31.9
#Soldier Ranger Station	6100	4/28	0	0.0	--	--
Trinity Mountain	7780	5/1	98	50.4	0.0	44.2*
#Vienna Mine	8960	5/1	96	45.0	5.4	37.9*

PAYETTE RIVER

#Big Creek Summit	6600	4/26	90	42.8	5.0	37.0
Bogus Basin	6120	4/28	54	24.3	--	23.2
#Brundage Mountain	7560	4/27	122	55.0	6.4	51.9*

(b) 1958-72, 15 year period. #Not located directly on this drainage. *Estimated 1958-72, 15 year Average. (A) Aerial observation Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					
Cozy Cove	5400	5/1	12	5.2	0.0	9.8
Crawford Ranger Station	4800	4/26	0	0.0	0.0	0.0
Deadwood Airstrip	5440	5/1	10	3.8	0.0	7.3*
Deadwood Summit	7000	5/1	98	48.9	0.9	48.4*
#Jackson Peak	7000	5/1	72	35.0	0.0	31.8*
Lake Fork	6000	4/27	34	14.7	0.0	--
Rock Flat Summit	5200	4/27	42	18.7	0.0	16.5*
Secesh Summit	6520	4/26	71	37.4	2.3	--
Squaw Meadow	5800	4/26	69	35.0	0.0	36.5*

WEISER RIVER

Boulder Creek	5500	4/28	27	12.2	--	15.7*
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MIDDLE SNAKE RIVER BASIN - SOUTHSIDERAFT RIVER

Howell Canyon	8000	4/26	52	25.8	0.0	23.6*
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SALMON FALLS CREEK

#Bear Creek	Nev.	7800	4/24	57	27.7	8.2	20.0*
Deadline		6900	4/29	32	15.4	0.0	19.5
Goat Creek	Nev.	8800	4/29	53	22.6	5.5	20.1
#Hummingbird Springs	Nev.	8945	Not Measured			5.5	26.2
Magic Mountain		6700	4/29	32	15.9	0.0	15.9
#Pole Creek R.S.	Nev.	8330	4/29	52	21.0	1.6	22.7

BRUNEAU RIVER

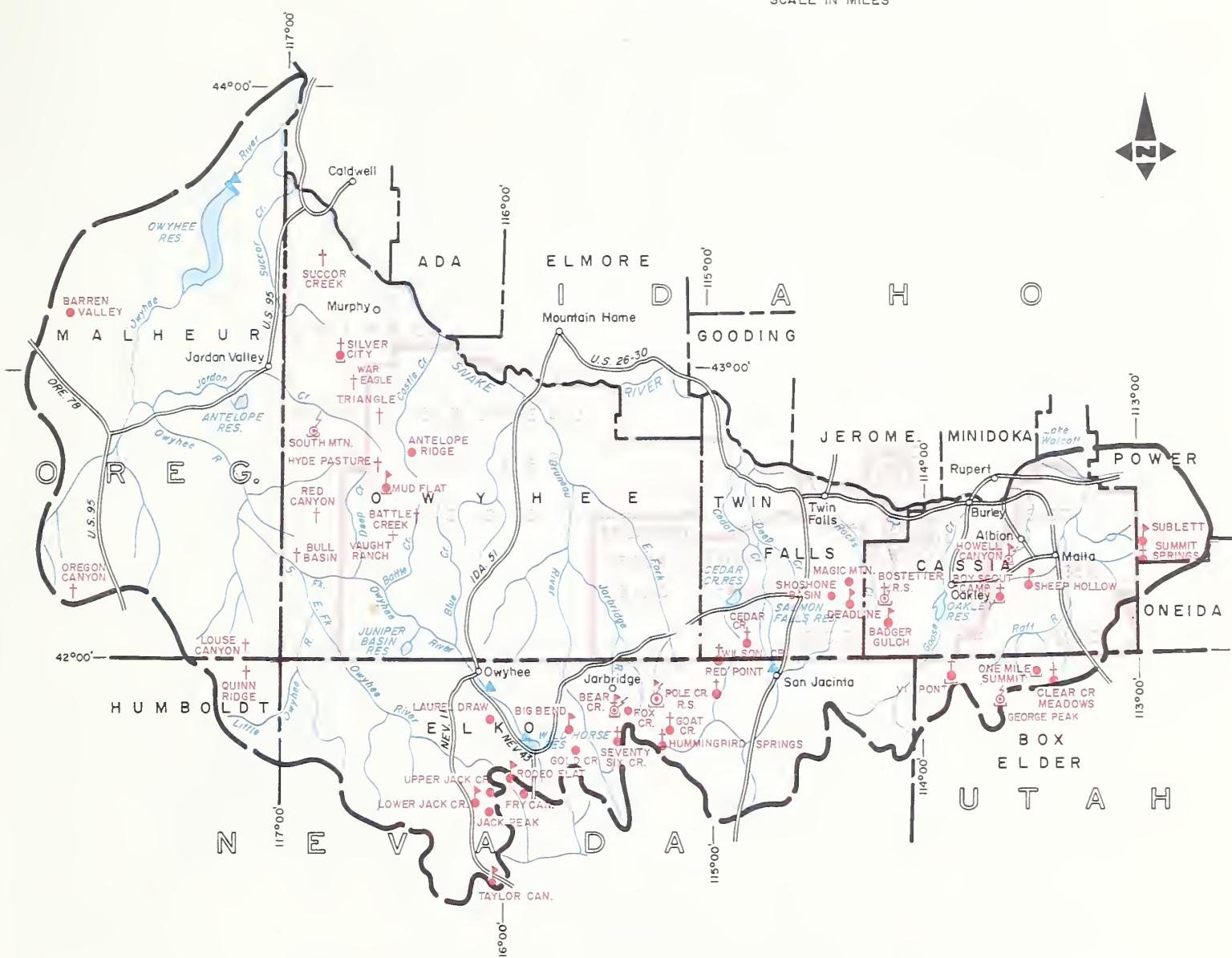
Bear Creek	Nev.	7800	4/24	57	27.7	8.2	20.0*
Pole Creek Rgr. Sta.	Nev.	8330	4/29	52	21.0	1.6	22.7
#Seventy-six Creek (A)	Nev.	7100	4/24	18	9.1	0.0	--

OWYHEE RIVER

#Bear Creek	Nev.	7800	4/24	57	27.7	8.2	20.0*
#Seventy-six Creek (A)	Nev.	7100	4/24	18	9.1	0.0	--
Silver City		6400	5/4	20	8.3	0.0	8.9*
South Mountain		6340	4/30	18	8.8	0.0	7.1*

MIDDLE SNAKE RIVER BASIN SOUTHSIDE

25 0 25 50 75
SCALE IN MILES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- ◎ Snow Pressure Pillow
- † Aerial Snow Depth Gage
- Soil Moisture Station
- Temperature Gage
- Precipitation Gage
- ⚡ Radio Telemetry

WATERSHED LOCATIONS



INDEX to SNOW COURSES

NO.	STATE	NAME	SEC. LAT.	TWP. AND	RGE. OR LONG.	ELEV.	NO.	STATE	NAME	SEC. LAT.	TWP. AND	RGE. OR LONG.	ELEV.	
MIDDLE SNAKE RIVER BASIN														
		SOUTHSIDE												
RAFT RIVER														
13G2AP	I	Boy Scout Camp	8	14S	24E	7760	15H1MAP	N	Bear Creek	31	46N	58E	7800	
13H2A	U	Clear Creek Meadows	26	14N	14W	9050	15H2	N	Fox Creek	33	46N	58E	6800	
13H4SP	U	George Peak	4	13N	14W	9000	15H15A	N	Hummingbird Springs	6	45N	60E	8950	
13G1MP	I	Howell Canyon	2	13S	24E	8000	15H14MP	N	Pole Creek Ranger Station	13	46N	59E	8330	
13H1P	U	One Mile Summit	19	14N	14W	7330								
13G5M	I	Sheep Hollow	4	14S	24E	6200								
12G8M	I	Sublett	8	12S	30E	6000								
12G9A	I	Summit Springs	15	13S	30E	6400								
GOOSE - TRAPPER CREEK														
14G3M	I	Badger Gulch	24	15S	19E	6660	16G6	I	Antelope Ridge	20	8S	1E	5900	
14G1AP	I	Bostetter Ranger Station	35	14S	19E	7500	18F5	O	Barren Valley	26	17S	38E	4200	
13H3AP	U	Vi Pont	17	14N	17W	7670	16G9a	I	Battle Creek	10	11S	1E	5700	
SALMON FALLS CREEK														
14G5A	I	Cedar Creek	25	15S	13E	7000	15H4M	N	Big Bend	30	45N	56E	6700	
14G4M	I	Deadline	25	14S	18E	6900	16G10a	I	Bull Basin	19	12S	5W	5600	
15H13A	N	Goat Creek	31	46N	60E	8800	15H7	N	Fry Canyon	31	43N	54E	6700	
14G2	I	Magic Mountain	14	14S	18E	6700	15H5	N	Gold Creek	31	45N	56E	6600	
15H18A	N	Red Point	15	47N	61E	7940	16G5a	I	Hyde Pasture	SE $\frac{1}{2}$	31	8S	2W	5800
14G6	I	Shoshone Basin	24	14S	17E	5740	16H4	N	Jacks Peak	28	42N	53E	8420	
15G2A	I	Wilson Creek	24	16S	12E	7500	16H5	N	Laurel Draw	20	45N	53E	6700	
							17G4a	O	Louse Canyon	27	40S	44E	6440	
							16H1M	N	Lower Jack Creek	13	42N	53E	6800	
							16G7MP	I	Mud Flat	34	9S	2W	5500	
							17G5a	O	Oregon Canyon	9	40S	40E	6950	
							17H6a	N	Quinn Ridge	9	47N	41E	6300	
							16G11ap	I	Red Canyon	32	11S	4W	6650	
							15H6M	N	Rodeo Flat	36	43N	53E	6800	
							16F3AP	I	Silver City	6	5S	3W	6400	
							16G1PSR	I	South Mountain	35	7S	5W	6340	
							16T6a	I	Succor Creek	25	3S	5W	6100	
							15H9M	N	Taylor Canyon	35	39N	53E	6200	
							16G4a	I	Triangle	N $\frac{1}{2}$	35	7S	3W	5150
							16H2	N	Upper Jack Creek	9	42N	53E	7250	
							16G12a	I	Vaught Ranch	10	11S	1W	5950	
							16G13a	I	War Eagle	20	5S	3W	7700	

LEGEND

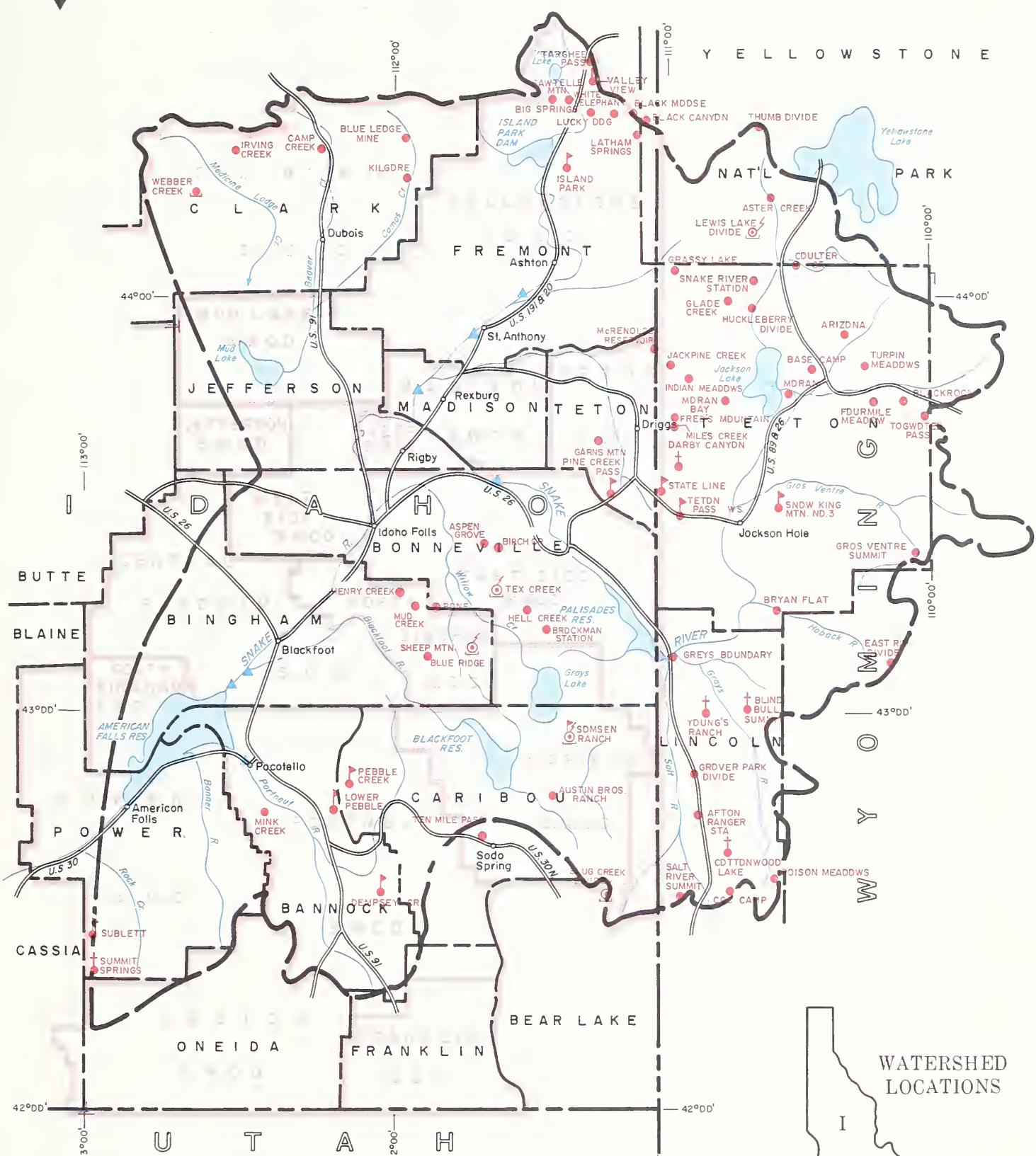
Numbering System (example)

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- 10J7P SNOW COURSE AND PRECIPITATION GAGE.
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- 10J7R RADIOACTIVE GAGE

UPPER SNAKE RIVER BASIN

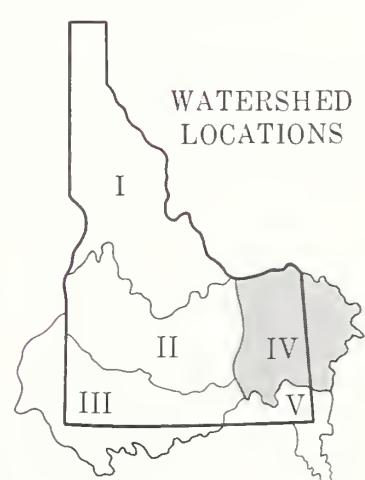


25 0 25 50
SCALE IN MILES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- Aeriel Snow Depth Gage
- † Soil Moisture Station
- Temperature Gage
- △ Precipitation Gage
- ⚡ Radio Telemetry



INDEX to SNOW COURSES

NO.	STATE	NAME	SEC. LAT.	TWP. OR ANO	RGE. LONG.	ELEV.	NO.	STATE	NAME	SEC. LAT.	TWP. OR AND	RGE. LONG.	ELEV.						
UPPER SNAKE RIVER BASIN																			
SNAKE RIVER - WYOMING																			
10G4	Wy	Afton Ranger Station	30	32N	118W	6200	10F21	Wy	Darby Canyon	28	43N	118W	8250						
10F1	Wy	Arizona	3	46N	115W	6850	10F22	Wy	Freds Mountain	12	44N	118W	8150						
10E8	Wy	Aster Creek	44° 17'	110° 38'	38'	7700	11F13	I	Garns Mountain	20	4N	44E	8300						
10F2	Wy	Base Camp	20	46N	113W	6900	10F25	Wy	Indian Meadows	31	46N	117W	8240						
10F7	Wy	Blackrock	4	44N	111W	8600	10F26	Wy	Jackpine Creek	15	46N	118W	7350						
10G2A	Wy	Blind Bull	6	34N	115W	8750	11F12	I	McRenolds Reservoir	5	7N	46E	6800						
10F14	Wy	Bryan Flat	9	38N	115W	6250	10F27	Wy	Miles Creek	13	44N	118W	7300						
10G7	Wy	CCC Camp	9	29N	118W	7500	11F2M	I	Pine Creek Pass	24	3N	44E	6750						
10G5A	Wy	Cottonwood Lake	25	31N	118W	7500	11F1M	I	State Line	32	3N	46E	6650						
10E10	Wy	Coulter Creek	44° 09'	110° 33'	33'	7600	10F13	Wy	Teton Pass W. S.	24	41N	118W	8400						
10F17MP	Wy	East Rim Divide #2	32	37N	111W	7950	TETON RIVER												
10F6	Wy	Four Mile Meadows	35	45N	112W	7770	10F21	Wy	Darby Canyon	28	43N	118W	8250						
10E13	Wy	Glade Creek	12	48N	116W	7200	10F22	Wy	Freds Mountain	12	44N	118W	8150						
10F18	Wy	Greys Boundary	33	37N	118W	5800	11F13	I	Garns Mountain	20	4N	44E	8300						
10F19	Wy	Gros Ventre Summit	36	40N	111W	8750	10F25	Wy	Indian Meadows	31	46N	117W	8240						
10G3	Wy	Grover Park Divide	27	33N	118W	7500	10F26	Wy	Jackpine Creek	15	46N	118W	7350						
10E14	Wy	Huckleberry Divide	32	48N	115W	7300	11F12	I	McRenolds Reservoir	5	7N	46E	6800						
10E9PS	Wy	Lewis Lake Divide	44° 13'	110° 40'	40'	7900	10F27	Wy	Miles Creek	13	44N	118W	7300						
10F4MP	Wy	Moran	8 & 17	45N	114W	6800	11F2M	I	Pine Creek Pass	24	3N	44E	6750						
10F3	Wy	Moran Bay	14	45N	116W	6800	11F1M	I	State Line	32	3N	46E	6650						
10G6	Wy	Poison Meadows	29	30N	116W	8500	10F13	Wy	Teton Pass W. S.	24	41N	118W	8400						
10G8P	Wy	Salt River Summit	32	29N	118W	7900	CAMAS - BEAVER CREEK												
10E12MP	Wy	Snake River Station	9	48N	115W	6780	11E11	I	Blue Ledge Mine	27	13N	38E	6700						
10F20M	Wy	Snow King Mountain #3	4	40N	117W	7600	12E3	I	Camp Creek	21	13N	36E	6800						
10E7	Wy	Thumb Divide	44° 22'	110° 35'	35'	7900	11E12	I	Kilgore	6	12N	39E	6200						
10F9MP	Wy	Togwotee Pass	29	44N	110W	9600	MEDICINE LODGE CREEK												
10F5	Wy	Turpin Meadows	14	45N	112W	6930	12E4	I	Irving Creek	20	13N	33E	7035						
10G1A	Wy	Young's Ranch	26	34N	116W	6530	12E5	I	Webber Creek	23	12N	32E	6700						
HENRYS FORK RIVER																			
11E9	I	Big Springs	4	13N	44E	6400	WILLOW CREEK												
11E18	I	Black Canyon	11	13N	45E	7850	11F10	I	Aspen Grove	36	2N	41E	6500						
11E19	I	Black Moose	33	14N	45E	8125	11F3	I	Birch Creek	36	2N	41E	6800						
10E15	Wy	Grassy Lake	6	48N	117W	7230	11F17I	I	Blue Ridge	35	2S	39E	6800						
11E10M	I	Island Park	28	13N	43E	6290	11F8	I	Bone	29	1S	40E	6250						
11E16	I	Latham Springs	9	13N	45E	7650	11F16	I	Brockman Station	19	2S	43E	6430						
11E14	I	Lucky Dog	2	13N	45E	6900	11F15	I	Hell Creek	27	1S	42E	7100						
11E32	I	Sawtell Mountain	7	14N	43E	8720	11F14	I	Mud Creek	3	2S	39E	7150						
11E34	I	Targhee Pass	32	16N	44E	7000	11F11R	I	Sheep Mountain	30	2S	41E	6570						
11E8M	I	Valley View	7	15N	44E	6740	11F5R	I	Tex Creek	36	1N	42E	6650						
11E36	I	White Elephant	17	14N	43E	7700	SAND CREEK												
11F6	I	Henry Creek	7	1S	39E	5650	BLACKFOOT RIVER												
11G3	I	Austin Brothers Ranch	28	7S	43E	6400	11G3	I	Austin Brothers Ranch	28	7S	43E	6400						
11G5PS	I	Slug Creek Divide	15	10S	44E	7225	11G5PS	I	Slug Creek Divide	15	10S	44E	7225						
11G1MS	I	Somsen Ranch	25	5S	43E	7000	11G1MS	I	Somsen Ranch	25	5S	43E	7000						
11G29	I	Ten Mile Pass	8	8S	41E	6250	11G29	I	Ten Mile Pass	8	8S	41E	6250						
PORTNEUF RIVER																			
12G5	I	Dempsey Creek	18	10S	38E	6100	12G6M	I	Lower Pebble	7	8S	38E	5800						
12G1	I	Mink Creek	33	7S	34E	6300	12G2M	I	Pebble Creek	34	7S	37E	6550						

LEGEND

Numbering System (example)

- 10J7 SNOW COURSE ONLY.
- 10J7P SNOW COURSE AND PRECIPITATION GAGE.
- 10J7M SNOW COURSE AND SOIL MOISTURE STATION.
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- 10J7p STORAGE PRECIPITATION GAGE ONLY.
- 10J7R RADIOACTIVE GAGE

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

UPPER SNAKE RIVER BASINHENRYS FORK RIVER

Big Springs	6400	4/28	38	20.6	0.0	17.1*
Grassy Lake	Wyo. 7230	4/27	79	41.6	7.0	34.3*
Island Park	6315	4/28	23	12.5	0.0	10.2*
Sawtell Mountain	8720	4/28	98	46.2	5.5	38.1*
Targhee Pass	7000	4/28	36	17.8	0.0	15.4*
Valley View	6500	4/28	23	11.6	0.0	14.2*
White Elephant	7700	4/28	66	33.2	0.0	--

TETON RIVER

Darby Canyon	Wyo. 8250	5/1	62	25.6	10.3	--
Freds Mountain	Wyo. 8150	5/1	59	30.1	8.5	--
Garns Mountain	8300	5/1	91	43.7	8.7	--
Indian Meadows	Wyo. 8240	5/1	86	42.7	13.0	--
Jackpine Creek	Wyo. 7350	5/1	44	21.4	6.9	--
McRenolds Reservoir	6800	5/1	37	17.4	4.1	--
Miles Creek	Wyo. 7300	5/1	11	4.6	0.0	--
Phillips Bench	Wyo. 8200	4/28	105	41.4	15.0	--
Pine Creek Pass	6750	5/1	23	9.7	0.0	12.5*
State Line	6650	5/1	0	0.0	0.0	8.4*
Teton Pass W.S.	Wyo. 8400	4/28	Delayed		7.8	--

WILLOW CREEK

Aspen Grove	6600	4/27	15	6.2	--	--
Birch Creek	6800	4/27	0	0.0	--	--
Blue Ridge	6800	4/27	17	8.5	--	--
Bone	6200	4/27	0	0.0	--	--
Brockman Station	6430	4/27	0	0.0	--	--
Hell Creek	7100	4/27	9	4.7	--	--
Mud Creek	7150	4/27	23	11.3	--	--
Sheep Mountain	6510	4/27	0	0.0	--	--
Tex Creek	6700	4/27	0	0.0	--	--

SAND CREEK

Henry Creek	5650	4/27	0	0.0	--	--
-------------	------	------	---	-----	----	----

BLACKFOOT RIVER

Slug Creek Divide	7225	4/27	29	13.8	--	--
-------------------	------	------	----	------	----	----

(b) 1958-72, 15 year period. #Not located directly on this drainage. *Estimated 1958-72, 15 year Average. (A) Aerial observation. Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Last Year
NAME	Elevation					

GREAT BASINBEAR RIVER

Emigrant Summit	7350	4/25	61	30.4	2.1	23.6*
Emigration Canyon	6500	4/25	0	0.0	--	--

Montpelier Creek

Giveout	6840	4/27	26	10.6	--	6.7*
Little Beaver	6970	4/27	31	13.4	--	11.6*
Lower Home Canyon	7500	4/28	30	13.4	--	--
Montpelier Creek	6570	4/27	0	0.0	--	--
Upper Home Canyon	8500	4/28	71	32.2	--	--
Whiskey Flat	6985	4/27	8	3.4	--	3.2*

Mink Creek

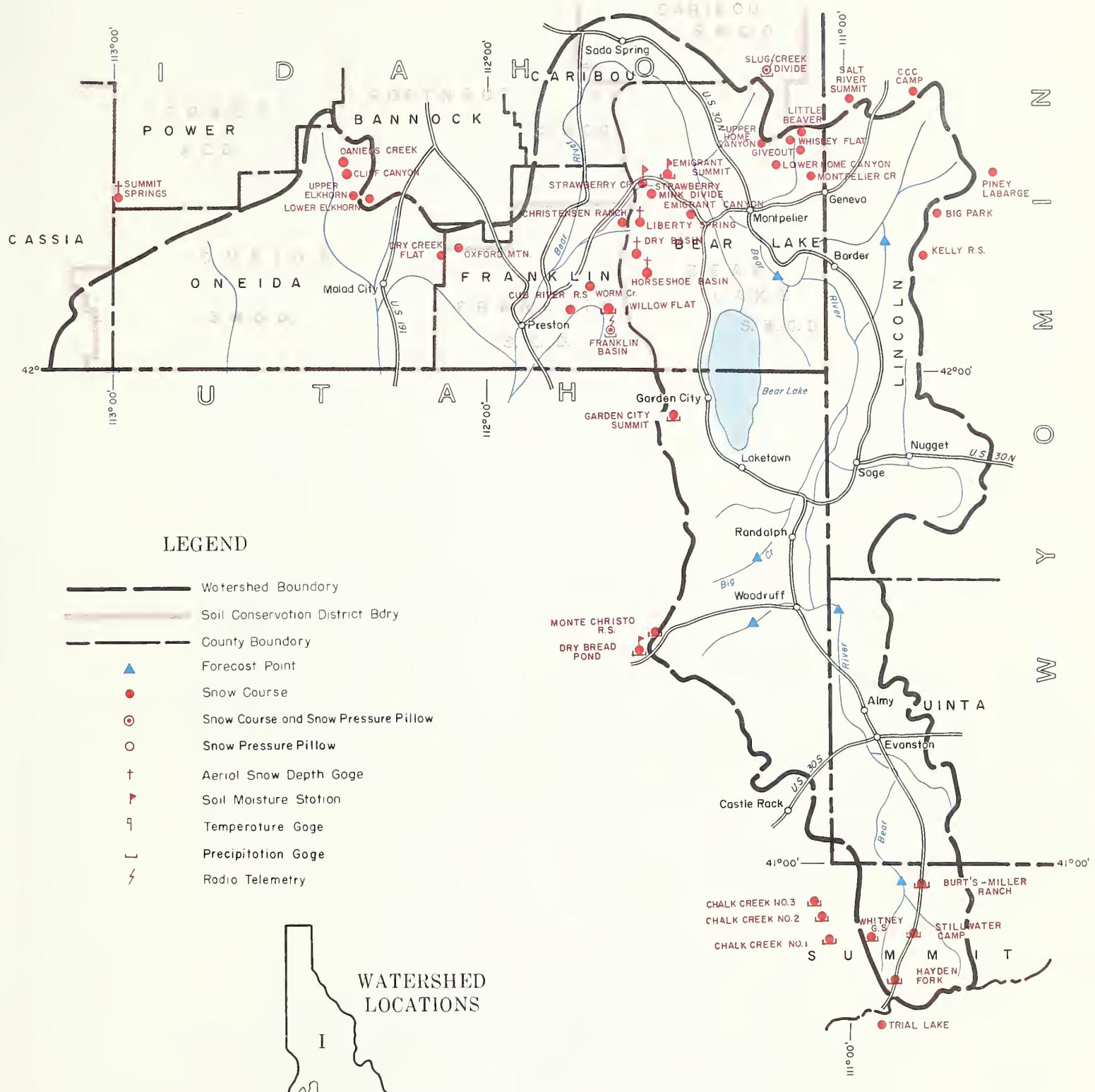
Christensen Ranch	5600	4/25	0	0.0	--	0.3
Dry Basin	7900	4/25	79	39.6	4.6	29.9*
#Emigrant Summit	7350	4/25	61	30.4	2.1	23.6*
Horseshoe Basin	8000	4/25	72	37.0	4.1	29.2*
Liberty Spring	8600	4/25	118	59.1	11.8	44.6*
Strawberry Creek	5800	4/25	0	0.0	--	2.6
Strawberry Mink Divide	6800	4/25	43	22.4	--	16.9

Cub River

Cub River R.S.	5400	4/25	0	0.0	0.0	1.0
#Franklin Basin	8000	4/25	68	33.5	3.0	--
Willow Flat	6100	4/25	10	4.2	0.0	4.0*
Worm Creek	6660	4/25	29	14.3	0.0	--

GREAT BASIN

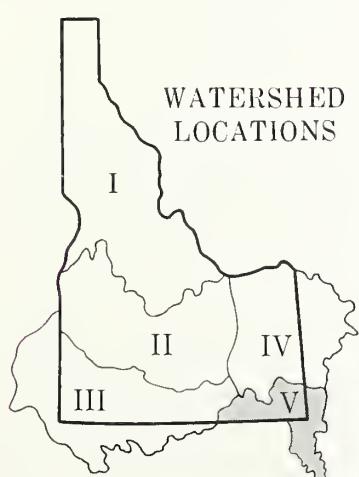
25 0 25 50
SCALE IN MILES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry
- County Boundary
- ▲ Forecast Point
- Snow Course
- Snow Course and Snow Pressure Pillow
- Snow Pressure Pillow
- † Aerial Snow Depth Goge
- Soil Moisture Station
- ↑ Temperature Goge
- Precipitation Goge
- ⚡ Radio Telemetry

WATERSHED LOCATIONS



INDEX to SNOW COURSES

NO.	STATE	NAME	SEC.	TWP. OR AND	RGE. OR LONG.	ELEV.
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GREAT BASIN

BEAR RIVER

10G11	Wy	Big Park	7	27N	117W	8700
11H13MP	U	Dry Bread Pond	19	8N	4E	8230
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6500
11H7P	U	Garden City Summit	35	14N	4E	7600
10J6P	U	Burt's-Miller Ranch	19	3N	10E	7900
10J7P	U	Hayden Fork	1	1S	9E	9300
10G12	Wy	Kelly Ranger Station	13	26N	118W	8200
11H12P	U	Monte Cristo R. S.	3	8N	4E	8960
10G10	Wy	Piney LaBarge	19	29N	114W	8820
10J17P	U	Stillwater Camp	32	2N	10E	8550
10J28P	U	Whitney G. S.	4	1N	9E	9300

MONTPELIER CREEK

11G16	I	Giveout	2	12S	45E	6840
11G20	I	Little Beaver	26	11S	45E	6970
11G27	I	Lower Home Canyon	17	12S	45E	7500
11G18	I	Montpelier Creek	22	12S	45E	6570
11G26	I	Upper Home Canyon	31	11S	45E	8500
11G21	I	Whiskey Flat	26	11S	45E	6985

MINK CREEK

11G11	I	Christensen Ranch	27	13S	41E	5600
11G14A	I	Dry Basin	30	13S	42E	7900
11G6MP	I	Emigrant Summit	21	12S	42E	7350
11G15A	I	Horseshoe Basin	31	13S	42E	8000
11G13A	I	Liberty Spring	7	13S	42E	8600
11G9M	I	Strawberry Creek	9	13S	41E	5800
11G10	I	Strawberry Mink Divide	14	13S	41E	6800

CUB RIVER

11G12	I	Cub River Ranger Station	5	15S	41E	5400
11G8S	I	Franklin Basin	1	16S	41E	8000
11G4P	I	Willow Flat	2	15S	41E	6100
11G28	I	Worm Creek	28	14S	41E	6660

MALAD RIVER

12G13	I	Cliff Canyon	13	12S	35E	7200
12G12	I	Daniels Creek	11	12S	35E	6400
12G4	I	Dry Creek Flat	28	13S	37E	6480
12G11	I	Lower Elkhorn	30	12S	36E	7000
12G3	I	Oxford Mountain	27	13S	37E	6800
12G10	I	Upper Elkhorn	25	12S	35E	7100

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